

INFORMATION DISCLOSURE STATEMENT

FORM PTO-609 (modified)

ATTY DOCKET NO.
2000_1391SERIAL NO.
09/680,177U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)APPLICANT
Mitsuaki OSHIMA et al.FILING DATE
October 5, 2000GROUP
2634

Date Submitted to PTO: April 11, 2005

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ						
	AK						
	AL						
	AM						
	AN						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

DH	AO	J. A. C. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come", IEEE Communications Magazine, Vol. 28, May 1990, pages 5-8 and 11-14
DH	AP	B. Hirosaki, "An Orthogonally Multiplexed QAM System Using the Discrete Fourier Transform", IEEE Transactions on Communications, Vol. Com-29, No. 7, July 1981, pages 982-989
DH	AQ	L. J. Cimini, Jr., "Analysis and Simulation of a Digital Mobile Channel Using Orthogonal Frequency Division Multiplexing", IEEE Transactions on Communications, Vol. Com-33, No. 7, July 1985, pages 665-675 and Annex

EXAMINER

DATE CONSIDERED

08/18/05

Sheet 1 of 1								INFORMATION DISCLOSURE STATEMENT							
FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: February 23, 2005						ATTY DOCKET NO. 2000_1391				SERIAL NO. 09/680,177					
						APPLICANT Mitsuaki OSHIMA et al.				FILING DATE October 5, 2000					
						GROUP 2634									
U.S. PATENT DOCUMENTS															
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE								
DH	AA	3,959,726	5-25-76	Hinoshita et al.	—	—	—								
	AB														
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	AD														
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EXAMINER D. Della				DATE CONSIDERED 08/17/05											

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include cop. this form with next communication to applicant.

Sheet 1 of 3								INFORMATION DISCLOSURE STATEMENT			
FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) <i>(Use several sheets if necessary)</i> Date Submitted to PTO: January 31, 2005					ATTY DOCKET NO. 2000_1391		SERIAL NO. 09/680,177				
					APPLICANT Mitsuaki OSHIMA et al.			GROUP 2634			
					FILING DATE October 5, 2000						
U.S. PATENT DOCUMENTS											
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE				
DH	AA	3,824,548	7-16-74	Sullivan et al.	—	—	—				
	AB	4,303,939	12-1-81	Stephens et al.	—	—	—				
	AC	4,303,941	12-1-81	Marti et al.	—	—	—				
	AD	4,309,726	1-5-82	Tanaka et al.	—	—	—				
	AE	4,535,352	8-85	Haskell	—	—	—				
	AF	4,564,858	1-14-86	Resch	—	—	—				
	AG	4,581,639	4-8-86	Judge	—	—	—				
	AH	4,769,819	9-6-88	Matsutani et al.	—	—	—				
DH	AI	4,794,447	12-27-88	Tsinberg	—	—	—				
FOREIGN PATENT DOCUMENTS											
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO				
DH	AJ	3-48587	3-1-91	Japan	—	—	abstract				
	AK										
	AL										
	AM										
	AN										
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)											
DH	AO	Masafumi SAITO et al., "Bit Error Rate Characteristics of OFDM in Multipath Environment", 1991									
DH	AP	Ryutaro OHMOTO et al., "π/4-shift QPSK Subcarrier Transmission", 1991									
	AQ										
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DH	AA	4,800,426	1-24-89	Glenn	—	—	—
	AB	4,817,192	3-28-89	Phillips et al.	—	—	—
	AC	5,007,088	4-9-91	Ooi et al.	—	—	—
	AD	5,029,003	7-91	Jonnalagadda	—	—	—
	AE	5,134,464	7-28-92	Basile et al.	—	—	—
	AF	5,181,112	1-19-93	Citta et al.	—	—	—
	AG	5,377,051	12-27-94	Lane et al.	—	—	—
	AH	5,400,084	3-21-95	Scarpa	—	—	—
DH	AI	5,576,902	11-19-96	Lane et al.	—	—	—

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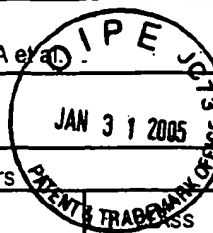
08/17/05

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DA	AA	5,598,220	1-97	Citta et al.	—	—	—
RA	AB	5,802,241	9-1-98	Oshima	—	—	—
	AC						
	AD						
	AE						
	AF						
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	AH						
	AI						

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